

ACCESSORIES



- Standard packing: main unit, Adapter, charger, battery pack, belt clip, user manual, and warranty card.
- Optional accessories: ear set, leather case (several colors provided).

APPLICATION

- | | |
|----------------------------|-----------------------------------|
| 1. Hotel & Restaurant | 5. Retail & Wholesale Industry |
| 2. Supermarket & Warehouse | 6. Agriculture & Farming Industry |
| 3. Entertainment Spot | 7. Minitype Construction Site |
| 4. Tourism & Service Line | 8. Residence Safeguard Management |

SETTABLE FREQUENCY

The frequency of TC 1688 can be set per user's need.

Your Local Dealers



Shenzhen HYT Science & Technology Co., Ltd. [Http://www.hyt.com.cn](http://www.hyt.com.cn)

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Two Way Radio **HYT** TC1688



[Http://www.hyt.com.cn](http://www.hyt.com.cn)

FRS
PMR446

Enjoy Your Free Communication in HYT TC 1688 FRS Radio

MAJOR FEATURES

0.5 Watt, Up to 3K m Range

Cost -- Free Operation

No license fee or airtime charges, just drop in 3 batteries (or Ni-Cd battery , Ni- Mh battery pack) and talk.

Internal Voice Operated Transmission (VOX)

With the use of an appropriate headset, you can speak and listen to a radio conversation without having to use your hands.

38 CTCSS , Channel/ CTCSS Scan

The radio will scan all channels when using normal channel and memory channels only when using memory channel.

Auto Squelch

Four squelch levels available with level 1 the lowest and 4 the highest, higher squelch level avoids interference of noises and/or unwanted signals.

Monitor Function

Press monitor key to enable

Voice Compression and Expansion

Crisp, Clear and strong audio quality in virtually any noisy environment Low Level expansion allows further improvements in audio quality by reducing noise usually heard during pauses in conversation.

Roger Tone

Release PTT when the conversation is over and the receiver will hear the roger tone.

TIME-OUT TIMER(TOT)

Limits the amount of time a user can continuously transmit on a channel. This allows for more efficient use of the channel.

5 Different Call Tones

The user can choose from the distinct call tones.

Communication Range Alarm

The radio beeps when the users are almost out of the communication range.

Button Beep

This feature can be enabled and disabled by the user.

Large, Backlighted LCD Display

The large, backlighted LCD display provides quick recognition of operation & battery status and present settings with alphanumeric and icon characters. For enhanced nighttime viewing, pressing the backlight key illuminates the LCD display, and if no other keys are operated, backlights shuts off automatically.

Selectable Battery Type, Longer Battery Life

3 " AA " Alkaline Batteries , Ni-Cd battery , Ni- Mh battery are available which assure you the longer battery life tailored your need.

Stylish and Colorful, Lightweight and Wearable

Stylishly moulded in high-impact polycarbonate in a choice of three colors Black, Blue and Orange. The TC1688 fits in the palm of your hand and come with an easy release belt clip.

Battery Save , Low Battery Energy Alert

The radio will enable battery save feature in standby mode. Pressing any key or receiving a signal will restore the radio to normal operation. For extra convenience , the low battery indicator warns the user to recharge soon or get a fresh battery.

Clock and Alarm Clock

The radio can be set with clock display and alarm clock.

Keypad Lock

Keep friends and family on the same channel in touch wherever you are.

SPECIFICATIONS:

General

Frequency rang	409.7500----409.9875 Mhz (P.R. China)
	462.5625----462.7125 Mhz (U.S.A)
	467.5625----467.7125 Mhz (U.S.A)
	446.0062----446.0937 Mhz (Europe)
	448.7500----449.2625 Mhz (Korea)
	433.0750----434.7750 Mhz (Russia)
	325.0000----325.3250 Mhz (Philippines)
	477.5125----478.0000 Mhz (Malaysia)
	467.5125----467.6750 Mhz (Taiwan)
	464.1250----464.9750 Mhz (South Africa)

Channel	20 ch (P. R. China)	14 ch (U.S.A)
	8 ch (Europe)	25 ch (Korea)
	69 ch (Russia)	14 ch (Philippines)
	40 ch (Malaysia)	14 ch (Taiwan)
	38 ch (South Africa)	

Antenna impedance	50Ω
Microphone impedance	2KΩ
Operate voltage	3.6V DC
Frequency stability	≤5PPM

Transmitter

Carrier error	≤5PPM
Carrier power output	≤0.5W
Channel Spacing	12.5KHz / 25KHz
Modulation distortion	≤10%
Modulation limiting	≤2.5KHz / 5KHz

Receiver

Reference sensitivity	≤0.25 μ V
Squelch open sensitivity	≤0.3 μ V
Audio power	≥250 mW
Audio distortion	≤10%
S/N	≥40dB

■ Specification are subject to change without notice and range will vary depending on the geography and surrounding environment .

